

Town of Voluntown



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5/3/2022

Town of Voluntown
Inland Wetlands and Watercourses Commission
115 Main Street
P.O. Box 96
Voluntown, CT. 06384

Re: Spring 2022 inspection, Buckley Drive storm water drainage system

Attn: Mr. Thomas Sweet, Chairman

Dear Mr. Sweet,

On 5/3/2022, I inspected the storm water discharge system that was constructed along Buckley Drive to determine if the rip-rap swale and/or catch basins needed to be maintained or cleaned out.

In each separate section in the swale, I inspected for accumulations of sediments from the storm water discharges off the road surface. My findings are as follows:

1. First bay at the top of Buckley Drive: minimal amounts of sand/sediments accumulated. A heavy accumulation of leaves from this fall have accumulated.
2. Second bay: 2-3 inches of sand/sediments accumulated at eastern end.
3. Third bay: 2-3 inches of sand/sediments accumulated where waterbar directs flows into bay.
4. Fourth bay: no accumulations of sediments.
5. Fifth bay: 2-3 inches of sand/sediments accumulated where waterbar directs flows into bay. A heavy accumulation of leaves was found partially blocking the culvert pipe under the driveway leading to # 206.
6. Below the driveway to #206: minimal amounts of sand/sediments in rip-rap above the catch basin.

It is my recommendation that as the quantities of sediments in these separate areas are minimal, no sediment removal is necessary until after the next inspection in the fall.

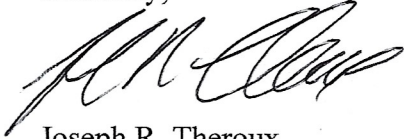
The accumulations of surface leaves and sticks that are present in portions of the swale should be removed prior to snowfall.

7. I inspected the existing waterbars that were constructed to sweep storm water off the central portions of the road and they are currently functioning well and stormwater is entering the swale along portions of the drive and at the waterbar locations.

8. As far as the catch basins are concerned, the accumulations of sediment in the sumps should be cleaned out as soon as possible.

If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "J. R. Theroux", written in a cursive style.

Joseph R. Theroux
Wetlands Agent
Town of Voluntown

Cc: Mr. Robert Buckley